

**TIER 3 CATEGORICAL EXCLUSION**

**ARDOT JOB NUMBER BR3107  
FAP NUMBER STPB-0031(38)  
BLUE BAYOU STR. & APPRS. (S)  
CO. RD. 1 (CORNBIDGE RD.)  
HOWARD COUNTY**

Submitted Pursuant to 42 U.S.C. 4332(2)

By the

U.S. Department of Transportation

Federal Highway Administration


And the

Arkansas Department of Transportation

June 2020

6/16/2020

Date of Approval



\_\_\_\_\_  
Randal Looney  
Environmental Coordinator  
Federal Highway Administration

The Environmental Division reviewed the referenced project and has determined it falls within the definition of the Tier 3 Categorical Exclusion as defined by the ARDOT/FHWA Programmatic Agreement on the processing of Categorical Exclusions. The following information is included for your review and, if acceptable, approval as the environmental documentation for this project.

The purpose of this project is to replace the Blue Bayou Bridge (#21810) with a box culvert along County Road 1 (Cornbridge Rd.) in Howard County, Arkansas. Total length of the project is 0.08 mile. A project location map is attached.

The existing roadway consists of two 11' wide paved travel lanes with no shoulders and a right of way width of 50'. The existing bridge is a corrugated steel span structure.

The proposed roadway will consist of two 11' wide paved travel lanes with 4' wide gravel shoulders. The bridge will be replaced with a quintuple 12' x 12' x 54' steel reinforced concrete box culvert. County Road 1 will be closed to accommodate construction of the new box culvert. The new right of way width will vary from 70' – 110'. Approximately 0.9 acre of new right of way and 0.2 acre of temporary construction easements will be required for this project. Of this acreage, approximately 0.3 acre of prime farmland will be impacted. The NRCS-CPA-106 Form is attached.

There are no relocations, environmental justice issues, protected waters, or public recreation lands associated with this project. Field inspections found no evidence of existing underground storage tanks or hazardous waste deposits. State Historic Preservation Officer clearance is attached.

Design data for this project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed
2020	2,000	3	45 mph
2040	2,500	3	

The official species list obtained through US Fish and Wildlife Service's (USFWS) Information for Planning and Consultation website identifies the following federally-listed species as having the potential to occur in the project area: the threatened northern long-eared bat (*Myotis septentrionalis*), Piping Plover (*Charadrius melodus*), Red Knot (*Calidris canutus rufa*), and Rabbitsfoot (*Theliderma cylindrica*). The USFWS species list is attached.

The Final 4(d) Rule and Programmatic Biological Opinion (BO) applies to the project's activities that have the potential to affect northern long-eared bats. The Final 4(d) Rule exempts the incidental take of northern long-eared bats from take prohibitions in the Endangered Species Act. The exemptions apply as long as the activities do not occur within 0.25 mile of a known hibernaculum or within 150 feet of a known occupied maternity roost from June 1 to July 31. No known hibernacula or maternity roosts exist within the project limits. All offsite locations will require coordination with USFWS. See the attached Verification Letter.

The Arkansas statewide determination key reached the determination of "may affect, not likely to adversely affect" the Rabbitsfoot. Due to the lack of suitable habitat in the project area and distance to known populations, a "no effect" determination has been made for all other listed species.

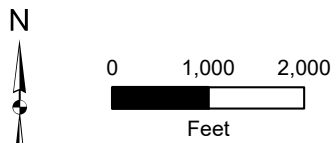
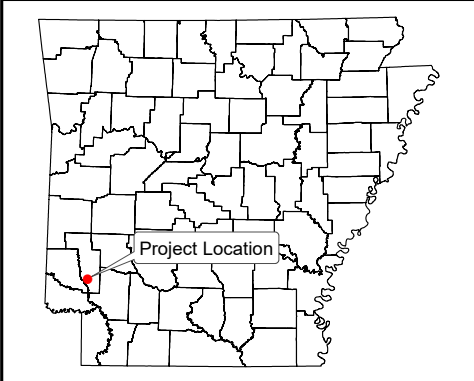
Stream impacts to Blue Bayou are estimated at less than 200'. Wetland impacts to a small, depressional wetland are estimated at 0.04 acre. Construction of the proposed project should be allowed under the terms of a Nationwide 14 Section 404 Permit for Linear Transportation Projects as defined in the Federal Register 82(4):1860-2008.

Based on the ARDOT noise policy, a noise analysis is not required for this project. The bridge replacement will not involve adding capacity, substantially changing the roadway alignment, or exposing noise sensitive land uses to traffic noise sources. In compliance with federal guidelines, local authorities will not require notification.

Howard County participates in the National Flood Insurance Program. The projects lie within the Zone A Special Flood Hazard Area. The final project design will be reviewed to confirm that the design is adequate and that the potential risk to life and property are minimized. Adjacent properties should not be impacted nor have a greater flood risk than existed before construction of the project. None of the encroachments would constitute a substantial floodplain encroachment or a risk to property or life.

This project has been determined to generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special mobile source air toxic (MSAT) concerns. As such, this project will not result in changes in traffic volumes, vehicle mix, basic project location, or any other factor that would cause a meaningful increase in MSAT impacts of the project from that of the no-build alternative.

No other adverse environmental impacts were identified. No public involvement will be needed for the project. The checklist used to verify consideration of potential environmental impacts is attached.



ARDOT - Environmental GIS - Hopkins  
May 29, 2020

**Job BR3107**  
**Blue Bayou Str. & Apprs.**  
**Howard County**





Asa Hutchinson  
Governor  
Stacy Hurst  
Secretary

June 8, 2020

Mr. John Fleming  
Division Head  
Environmental Division  
Arkansas Department of Transportation  
P.O. Box 2261  
Little Rock, AR 72203-2261

RE: Howard County – General  
Section 106 Review – FHWA  
Blue Bayou Str. & Apprs.  
County Road 1 (Cornbridge Road)  
ARDOT Job Number: BR3107  
AHPP Tracking Number: 105946

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) reviewed the project identification form for the above-referenced job. The undertaking entails replacing County Bridge 21810 on Cornbridge Road west of Mineral Springs. The project requires an additional .91 acre. of right-of-way and .16 acre. of temporary construction easement. Bridge 21810 dates from 1997 and is not eligible for the National Register.

Based on the provided information and the negative results of the cultural resources investigation, the AHPP concurs with the finding of **no historic properties affected pursuant to 36 CFR § 800.4(d)(1)** for the proposed undertaking.

Tribes that have expressed an interest in the area include the Caddo Nation (Ms. Tamara Francis), the Choctaw Nation of Oklahoma (Ms. Madison Currie), the Osage Nation (Dr. Andrea Hunter), the Quapaw Nation (Mr. Everett Bandy), and the Shawnee Tribe (Ms. Tonya Tipton). We recommend consultation in accordance with 36 CFR § 800.2(c)(2).

Thank you for the opportunity to review this undertaking. Please refer to the AHPP Tracking Number shown above in all correspondence. If you have any questions, please call Eric Mills of my staff at 501-324-9784 or email [eric.mills@arkansas.gov](mailto:eric.mills@arkansas.gov).

Sincerely,

A handwritten signature in blue ink that reads 'Eric Mills'.

for  
Scott Kaufman  
Director, AHPP

cc: Mr. Randal Looney, Federal Highway Administration  
Dr. Ann Early, Arkansas Archeological Survey

**FARMLAND CONVERSION IMPACT RATING  
FOR CORRIDOR TYPE PROJECTS**

<b>PART I (To be completed by Federal Agency)</b>	Job BR3107	3. Date of Land Evaluation Request	4. Sheet 1 of _____
---	------------	------------------------------------	---------------------

1. Name of Project	5. Federal Agency Involved
2. Type of Project	6. County and State

<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated   Average Farm Size	
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: _____ %	7. Amount of Farmland As Defined in FPPA Acres: _____ %	
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS	

<b>PART III (To be completed by Federal Agency)</b>	<b>Alternative Corridor For Segment</b>			
	Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly				
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor				

<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>				
A. Total Acres Prime And Unique Farmland				
B. Total Acres Statewide And Local Important Farmland				
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted				
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

**PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)**

<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>	Maximum Points			
1. Area in Nonurban Use	15			
2. Perimeter in Nonurban Use	10			
3. Percent Of Corridor Being Farmed	20			
4. Protection Provided By State And Local Government	20			
5. Size of Present Farm Unit Compared To Average	10			
6. Creation Of Nonfarmable Farmland	25			
7. Availability Of Farm Support Services	5			
8. On-Farm Investments	20			
9. Effects Of Conversion On Farm Support Services	25			
10. Compatibility With Existing Agricultural Use	10			
<b>TOTAL CORRIDOR ASSESSMENT POINTS</b>	<b>160</b>			

<b>PART VII (To be completed by Federal Agency)</b>				
Relative Value Of Farmland (From Part V)	100			
Total Corridor Assessment (From Part VI above or a local site assessment)	160			
<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>			

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?  YES <input type="checkbox"/> NO <input type="checkbox"/>
-----------------------	---	-----------------------	--

5. Reason For Selection:

Signature of Person Completing this Part: Joshua Graham | DATE \_\_\_\_\_

**NOTE:** Complete form for each segment with more than one Alternate Corridor





## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Arkansas Ecological Services Field Office  
110 South Amity Suite 300  
Conway, AR 72032-8975  
Phone: (501) 513-4470 Fax: (501) 513-4480  
<http://www.fws.gov/arkansas-es>

In Reply Refer To:

May 28, 2020

Consultation Code: 04ER1000-2020-SLI-0995

Event Code: 04ER1000-2020-E-02478

Project Name: ArDOT job #BR3107 Blue Bayou Str. & Apprs. (S)

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies endangered, threatened, proposed, and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). **This letter only provides an official species list and technical assistance; if you determine that listed species and/or designated critical habitat may be affected in any way by the proposed project, even if the effect is wholly beneficial, consultation with the Service will be necessary.**

**If you determine that this project will have no effect on listed species and their habitat in any way, then you have completed Section 7 consultation with the Service and may use this letter in your project file or application.**

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found on our website.

**Please visit our website at <http://www.fws.gov/arkansas-es/IPaC/home.html> for species-specific guidance to avoid and minimize adverse effects to federally endangered,**

**threatened, proposed, and candidate species.** Our web site also contains additional information on species life history and habitat requirements that may be useful in project planning.

**If your project involves in-stream construction activities, oil and natural gas infrastructure, road construction, transmission lines, or communication towers, please review our project specific guidance at <http://www.fws.gov/arkansas-es/IPaC/ProjSpec.html>.**

The karst region of Arkansas is a unique region that covers the **northern third of Arkansas** and we have specific guidance to conserve sensitive cave-obligate and bat species. **Please visit <http://www.fws.gov/arkansas-es/IPaC/Karst.html> to determine if your project occurs in the karst region and to view karst specific-guidance.** Proper implementation and maintenance of best management practices specified in these guidance documents is necessary to avoid adverse effects to federally protected species and often avoids the more lengthy formal consultation process.

**If your species list includes any mussels, Northern Long-eared Bat, Indiana Bat, Yellowcheek Darter, Red-cockaded Woodpecker, or American Burying Beetle, your project may require a presence/absence and/or habitat survey prior to commencing project activities.** Please check the appropriate species-specific guidance on our website to determine if your project requires a survey. We strongly recommend that you contact the appropriate staff species lead biologist (see office directory or species page) prior to conducting presence/absence surveys to ensure the appropriate level of effort and methodology.

**Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further.** Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service, to make "no effect" determinations. If you determine that your proposed action will have "no effect" on threatened or endangered species or their respective critical habitat, you do not need to seek concurrence with the Service. Nevertheless, it is a violation of Federal law to harm or harass any federally-listed threatened or endangered fish or wildlife species without the appropriate permit.

Through the consultation process, we will analyze information contained in a biological assessment that you provide. If your proposed action is associated with Federal funding or permitting, consultation will occur with the Federal agency under section 7(a)(2) of the ESA. Otherwise, an incidental take permit pursuant to section 10(a)(1)(B) of the ESA (also known as a habitat conservation plan) is necessary to harm or harass federally listed threatened or endangered fish or wildlife species. In either case, there is no mechanism for authorizing incidental take "after-the-fact." For more information regarding formal consultation and HCPs, please see the Service's Consultation Handbook and Habitat Conservation Plans at [www.fws.gov/endangered/esa-library/index.html#consultations](http://www.fws.gov/endangered/esa-library/index.html#consultations).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to



federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, **the accuracy of this species list should be verified after 90 days**. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. **Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.**

Attachment(s):

- Official Species List

# Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Arkansas Ecological Services Field Office**

110 South Amity Suite 300

Conway, AR 72032-8975

(501) 513-4470

---

## Project Summary

Consultation Code: 04ER1000-2020-SLI-0995

Event Code: 04ER1000-2020-E-02478

Project Name: ArDOT job #BR3107 Blue Bayou Str. & Apprs. (S)

Project Type: BRIDGE CONSTRUCTION / MAINTENANCE

Project Description: replacement of a bridge with a box culvert on the existing alignment

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/33.8753108736N94.00258466141264W>



Counties: Howard, AR

---

## Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

- 
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

### Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9045">https://ecos.fws.gov/ecp/species/9045</a>	Threatened

### Birds

NAME	STATUS
Eastern Black Rail <i>Laterallus jamaicensis ssp. jamaicensis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/10477">https://ecos.fws.gov/ecp/species/10477</a>	Proposed Threatened
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/6039">https://ecos.fws.gov/ecp/species/6039</a>	Threatened
Red Knot <i>Calidris canutus rufa</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/1864">https://ecos.fws.gov/ecp/species/1864</a>	Threatened

---

## Clams

NAME	STATUS
<i>Rabbitsfoot <i>Quadrula cylindrica cylindrica</i></i> There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/5165">https://ecos.fws.gov/ecp/species/5165</a>	<b>Threatened</b>

## Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

---



# United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Arkansas Ecological Services Field Office  
110 South Amity Suite 300  
Conway, AR 72032-8975  
Phone: (501) 513-4470 Fax: (501) 513-4480  
<http://www.fws.gov/arkansas-es>

In Reply Refer To:

May 28, 2020

Consultation Code: 04ER1000-2020-TA-0995

Event Code: 04ER1000-2020-E-02479

Project Name: ArDOT job #BR3107 Blue Bayou Str. & Apprs. (S)

Subject: Verification letter for 'ArDOT job #BR3107 Blue Bayou Str. & Apprs. (S)' for specified federally threatened and endangered species and designated critical habitat that may occur in your proposed project area consistent with the Arkansas Determination Key for project review and guidance for federally listed species (Arkansas Dkey).

Dear Joseph Ledvina:

The U.S. Fish and Wildlife Service (Service) received on **May 28, 2020** your effect determination(s) for the 'ArDOT job #BR3107 Blue Bayou Str. & Apprs. (S)' (the Action) using the Arkansas DKey within the Information for Planning and Consultation (IPaC) system. The Service developed this system in accordance with the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

Based on your answers and the assistance in the Service's Arkansas DKey, you made the following effect determination(s) for the proposed action.

<b>Species</b>	<b>Determination</b>
Proposed Threatened Eastern Black Rail ( <i>Laterallus jamaicensis ssp. jamaicensis</i> )	No Effect
Threatened Red Knot ( <i>Calidris canutus rufa</i> )	No Effect
Threatened Piping Plover ( <i>Charadrius melodus</i> )	No Effect
Threatened Northern Long-eared Bat ( <i>Myotis septentrionalis</i> )	May Affect
Threatened Rabbitsfoot ( <i>Quadrula cylindrica cylindrica</i> )	NLAA

The Service concurs with the NLAA determination(s) for the species listed above. No further consultation for this project is required for these species. Your agency has met consultation requirements by informing the Service of your "No Effect" determinations. No consultation for this project is required for species that you have determined will not be affected by this action. This letter confirms you may rely on effect determinations you reached by considering the



Arkansas DKey to satisfy agency consultation requirements under Section 7(a)(2) of the Endangered Species Act of 1973 (87 Stat. 884, as amended 16 U.S.C. 1531 et seq.; ESA).

The Service recommends that your agency contact the Arkansas Ecological Services Field Office or re-evaluate this key in IPaC if: 1) the scope, timing, duration, or location of the proposed project changes, 2) new information reveals the action may affect listed species or designated critical habitat; 4) a new species is listed or critical habitat designated. If any of the above conditions occurs, additional consultation with the Arkansas Ecological Services Field Office should take place before project changes are final or resources committed.

FHWA projects should not use this key for Northern Long-eared Bat determinations. Please complete the FHWA, FRA, FTA Programmatic Consultation for Transportation Projects affecting NLEB or Indiana Bat Release date: December 2, 2019

The key is intended for projects funded or authorized by FHWA, FRA, or FTA, that may affect the endangered Indiana bat and/or the threatened northern long-eared bat, which requires consultation with the USFWS under Section 7 of the ESA.

**Bald and Golden Eagle Protection Act:** The following resources are provided to project proponents and consulting agencies as additional information. Bald and golden eagles are not included in this section 7(a)(2) consultation and this information does not constitute a determination of effects by the Service.

The Service developed the National Bald Eagle Management Guidelines to advise landowners, land managers, and others who share public and private lands with Bald Eagles when and under what circumstances the protective provisions of the BGEPA may apply to their activities. The guidelines should be consulted prior to conducting new or intermittent activity near an eagle nest. This document may be downloaded from the following site: <https://www.fws.gov/southeast/our-services/permits/eagles/>

To determine if your proposed activity is likely to take or disturb Bald Eagles, complete our step-by-step online self-certification process, which is located at <https://www.fws.gov/southeast/our-services/eagle-technical-assistance/>.

If the recommendations detailed in the National Bald Eagle Management Guidelines cannot be followed, you may apply for a permit to authorize removal or relocation of an eagle nest in certain instances. The application form is located at <http://www.fws.gov/forms/3-200-72.pdf>.

---

**Action Description**

You provided to IPaC the following name and description for the subject Action.

**1. Name**

ArDOT job #BR3107 Blue Bayou Str. & Apprs. (S)

**2. Description**

The following description was provided for the project 'ArDOT job #BR3107 Blue Bayou Str. & Apprs. (S)':

replacement of a bridge with a box culvert on the existing alignment

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/33.8753108736N94.00258466141264W>



**Species Protection Measures**

Bridges and Culverts

<https://www.fws.gov/southeast/pdf/species-protective-measures/bridge-and-culvert-projects.pdf>

---

## Qualification Interview

1. Have you made an effects determination of "no effect" for all species in the area of the project? A "no effect" determination means the project will have no beneficial effect, no short-term adverse effects, and no long-term adverse effects on any of the species on the IPaC-generated species list for the proposed project or those species habitat. A project with effects that cannot be meaningfully measured, detected or evaluated, effects that are extremely unlikely to occur, or entirely beneficial effects should not have a "no effect" determination. (If unsure, select "No").

*No*

2. Choose the Federal agency you represent in this consultation with the U.S. Fish and Wildlife Service:

*d. Federal Highway Administration*

3. Will project proponents follow [Special Provisions for avoidance and minimization](#) measures for listed species in Arkansas?

*Yes*

4. [Semantic] Does the project intersect designated critical habitat for the Leopard Darter?

**Automatically answered**

*No*

5. [Semantic] Does the project intersect designated critical habitat for the Neosho Mucket?

**Automatically answered**

*No*

6. [Semantic] Does the project intersect designated critical habitat for Yellowcheek Darter?

**Automatically answered**

*No*

7. [Semantic] Does the project intersect designated critical habitat for Rabbitsfoot?

**Automatically answered**

*No*

8. [Semantic] Does the project intersect the American burying beetle consultation area ?

**Automatically answered**

*No*

---

9. [Semantic] Does the project intersect the red-cockaded woodpecker AOI?  
**Automatically answered**  
*No*
10. [Semantic] Does the project intersect the Eastern black rail AOI?  
**Automatically answered**  
*Yes*
11. Will the project affect sand and gravel areas or shorelines along rivers, lakes, or reservoirs?  
*No*
12. Does the project take place in marshy or flooded open field habitat?  
*No*
13. [Semantic] Does the project intersect the red knot AOI?  
**Automatically answered**  
*Yes*
14. [Semantic (same answer as "8.1.3")] Will the project affect sand and gravel areas or shorelines along rivers, lakes, or reservoirs?  
**Automatically answered**  
*No*
15. [Semantic (same answer as "8.2")] Does the project take place in marshy or flooded open field habitat?  
**Automatically answered**  
*No*
16. [Semantic] Does the project intersect the Piping Plover AOI?  
**Automatically answered**  
*Yes*
17. [Semantic (same answer as "8.1.3 or 9.3")] Will the project affect sand and gravel areas or shorelines along rivers, lakes, or reservoirs?  
**Automatically answered**  
*No*
18. [Semantic] Does the project intersect the Whooping Crane AOI?  
**Automatically answered**  
*No*
-

19. [Semantic] Does the project intersect the interior least tern AOI?  
**Automatically answered**  
*No*
20. [Semantic] Does the project intersect the Gray Bat AOI?  
**Automatically answered**  
*No*
21. [Semantic] Does the project intersect the Ozark Big-eared Bat AOI?  
**Automatically answered**  
*No*
22. [Semantic] Does the project intersect the Indiana bat AOI?  
**Automatically answered**  
*No*
23. [Semantic] Does the project intersect the Northern Long-eared bat AOI?  
**Automatically answered**  
*Yes*
24. [Semantic] Does the project intersect the Benton County Cave Crayfish AOI?  
**Automatically answered**  
*No*
25. [Semantic] Does the project intersect the Hell Creek Cave Crayfish AOI?  
**Automatically answered**  
*No*
26. [Semantic] Does the project intersect the Ozark cavefish AOI?  
**Automatically answered**  
*No*
27. [Semantic] Does the project intersect the Missouri bladderpod AOI?  
**Automatically answered**  
*No*
28. [Semantic] Does the project intersect the Geocarpon AOI?  
**Automatically answered**  
*No*
-



29. [Semantic] Does the project intersect the running buffalo clover AOI?  
**Automatically answered**  
*No*
30. [Semantic] Does the project intersect the Pondberry AOI?  
**Automatically answered**  
*No*
31. [Semantic] Does the project occur within the survey coordination area?  
**Automatically answered**  
*No*
32. Does the project contain any of the following activity types:  
Boat Ramps,  
Bridges,  
Culverts,  
Development,  
Dams or Impoundments (including berms and levees),  
Streambank Stabilization (or other streambank work),  
Pipeline and linear projects,  
Water intakes/withdrawals, or  
Stream or ditch relocation?  
*Yes*
33. Does the project include Streambank Stabilization (or other streambank work)?  
*No*
34. Does the project include Boat Ramps?  
*No*
35. Does the project include Bridges and Culverts?  
*Yes*
36. Does the project include the Bridges and Culverts species [protective measures](#), as applicable to the project and site characteristics?  
*Yes*
37. Does the project include Dams and Impoundments (including berms or levees)?  
*No*
-

38. Does the project include Development?

*No*

39. Is the project a Pipeline or Linear Project?

*No*

40. Does the project include Water Intakes/Withdrawals?

*No*

41. Does the project include Stream or Ditch Relocation?

*No*

42. [Semantic] Does the project intersect the rabbitsfoot AOI?

**Automatically answered**

*Yes*

43. [Semantic] Does the project intersect the neosho mucket AOI?

**Automatically answered**

*No*

44. [Semantic] Does the project intersect the Spectaclecase AOI?

**Automatically answered**

*No*

45. [Semantic] Does the project intersect the snuffbox AOI?

**Automatically answered**

*No*

46. [Semantic] Does the project intersect the speckled pocketbook AOI?

**Automatically answered**

*No*

47. [Semantic] Does the project intersect the ouachita rock pocketbook AOI?

**Automatically answered**

*No*

48. [Semantic] Does the project intersect the fat pocketbook AOI?

**Automatically answered**

*No*

---

49. [Semantic] Does the project intersect the Curtis pearlymussel AOI?  
**Automatically answered**  
*No*
50. [Semantic] Does the project intersect the scaleshell AOI?  
**Automatically answered**  
*No*
51. [Semantic] Does the project intersect the pink mucket AOI?  
**Automatically answered**  
*No*
52. [Semantic] Does the project intersect the Arkansas fatmucket AOI?  
**Automatically answered**  
*No*
53. [Semantic] Does the project intersect the winged mapleleaf AOI?  
**Automatically answered**  
*No*
54. [Semantic] Does the project intersect the leopard darter AOI?  
**Automatically answered**  
*No*
55. [Semantic] Does the project intersect the Yellowcheek darter AOI?  
**Automatically answered**  
*No*
56. [Semantic] Does the project intersect the Ozark hellbender AOI?  
**Automatically answered**  
*No*
57. [Semantic] Does the project intersect the harperella AOI?  
**Automatically answered**  
*No*
58. [Semantic] Does the project intersect the pallid sturgeon AOI?  
**Automatically answered**  
*No*
-

## Project Questionnaire

1. **If the project includes forest conversion, report the appropriate acreages below. Otherwise, type '0' in questions 1-3.**

1. Estimated total acres of forest conversion:

0.4

2. 2. If known, estimated acres of forest conversion from April 1 to October 31

0.4

3. 3. If known, estimated acres of forest conversion from June 1 to July 31

0

4. **If the project includes timber harvest, report the appropriate acreages below. Otherwise, type '0' in questions 4-6.**

4. Estimated total acres of timber harvest

0

5. 5. If known, estimated acres of timber harvest from April 1 to October 31

0

6. 6. If known, estimated acres of timber harvest from June 1 to July 31

0

7. **If the project includes prescribed fire, report the appropriate acreages below. Otherwise, type '0' in questions 7-9.**

7. Estimated total acres of prescribed fire

0

8. 8. If known, estimated acres of prescribed fire from April 1 to October 31

0

9. 9. If known, estimated acres of prescribed fire from June 1 to July 31

0

---

**10. If the project includes new wind turbines, report the megawatts of wind capacity below. Otherwise, type '0' in question 10.**

10. What is the estimated wind capacity (in megawatts) of the new turbine(s)?

0

---

**ARDOT ENVIRONMENTAL VERIFICATION CHECKLIST  
FOR CONSIDERATION OF POTENTIAL IMPACTS**

ARDOT Job Number BR3107 FAP Number STPB-0031(38)

Job Title Blue Bayou Str. & Apprs. (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No MSAT impacts anticipated
Cultural Resources	X			SHPO clearance attached
Economic	X			No economic impacts
Endangered Species		X		NLAA determination (Rabbitsfoot)
Environmental Justice/Title VI	X			No protected populations in project area
Fish and Wildlife		X		Temporary impacts during construction
Floodplains		X		Floodplain SP required
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			None in project area
Land Use	X			Will not be impacted by project
Migratory Birds	X			Migratory bird SP included
Navigation/Coast Guard	X			No navigable waters in area
Noise Levels	X			No increases due to project
Prime Farmland		X		0.3 acres impacted, NRCS-CPA-106 Form
Protected Waters	X			None in project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA	X			None in project area
Relocatees	X			No relocations
Section 4(f)/6(f)	X			4(f)/6(f) resources not present
Social	X			No impacts to the social environment
Underground Storage Tanks	X			No USTs in the project area
Visual	X			No changes to visual environment
Streams		X		NW14; approx. 200 linear feet of impacts
Water Quality		X		Temporary during construction
Wetlands		X		0.04 acre of wetland impacts
Wildlife Refuges	X			None in area

Section 401 Water Quality Certification Required? No

Short-term Activity Authorization Required? Yes

Section 404 Permit Required? Yes Type NW 14

Remarks: \_\_\_\_\_

Signature of Evaluator  Date June 2, 2020



Date Submitted December 12, 2019

Date Returned \_\_\_\_\_

STATE AID DESIGN REQUEST

Job Number: BR3107 FAP Number: STPB – 0031 (38) County: Howard County

Job Name Blue Bayou Str. & Apprs. (S)

Design Engineer: Phillip Ammons Environmental Staff: Terry Tucker

Brief Project Description: Replace existing obsolete bridge #21810.

A. Existing Conditions:

- 1. Roadway Width: Metric \_\_\_\_\_ English: 22.0 ft. – Double Seal
- 2. Shoulder Width: Metric \_\_\_\_\_ English: grass back slope
- 3. Number of Lanes and Width: Metric \_\_\_\_\_ English: 2 lanes – 11 ft.
- 4. Existing Right-of-Way: Metric \_\_\_\_\_ English: 50 ft.

B. Proposed Improvements:

- 1. Roadway Width: Metric \_\_\_\_\_ English: 22 ft. - Paved
- 2. Shoulder Width: Metric \_\_\_\_\_ English: 4 ft. - Gravel
- 3. Number of Lanes and Width: Metric \_\_\_\_\_ English: 2 lanes – 11 ft. each
- 4. Average Right-of-Way: Metric \_\_\_\_\_ English: Varies 70 ft. – 110 ft.

If bridge(s) will be replaced by culverts give dimensions: Bridge #21810 will be replaced by a Quintuple 12' x 12' x 54' Reinforced Concrete Box Culvert.

C. Construction Information:

If detour: Where: Road will be closed during construction. Length: English: N/A

D. Design Data:

2020 ADT: 2000 2040 ADT: 2500 Trucks: 3%  
Design Speed: 45 mph

E. Approximate total length of project: \_\_\_\_\_ kilometer(s) 0.08 mile(s)

F. Justification for proposed improvements: Functionally obsolete and structurally deficient

G. Total Relocates: 0 Residences: 0 Businesses: 0

H. Have you coordinated with any of the following: (Provide name and date.)

County Officials Honorable Kevin Smith – Howard County Judge

State Agency N/A

Federal Agency N/A